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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Vanda A. Lennon et al.      Art Unit : 1616  
Serial No. : 10/723,180      Examiner : Unknown  
Filed : November 25, 2003  
Title : MARKER FOR NEUROMYELITIS OPTICA

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL

The following correspondence relating to this application is enclosed for filing:

1. Information Disclosure Statement (1 page);
2. Form PTO-1449 (2 pages);
3. Copies of Cited References (22 references); and
4. A Return Postcard.

Please date stamp and return the enclosed postcard. Please apply any charges or credits to Deposit Account No. 06-1050.

Date

January 3, 2005

Respectfully submitted,

M. Angela Parsons, Ph.D.  
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Lisa M. Becker  
Typed or Printed Name of Person Signing Certificate



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INFORMATION DISCLOSURE STATEMENT

Copies of the references listed on the attached form PTO-1449 are enclosed.

This statement is being filed before the receipt of a first Office Action on the merits.

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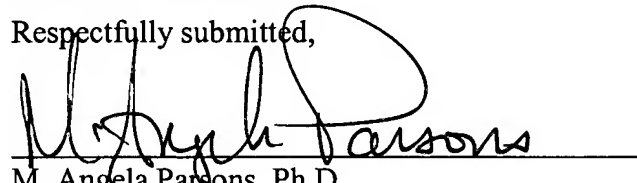
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Substitute Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office

Attorney's Docket No.

07039-497001

Application No.

10/723,180

**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

Applicant

Vanda A. Lennon et al.

Filing Date

November 25, 2003

Group Art Unit

1616

(37 CFR §1.98(b))

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,708,713	11/24/87	Lentz			
	AB	5,214,136	05/25/93	Lin et al.			
	AC	5,218,105	06/08/93	Cook et al.			
	AD	5,258,503	11/02/93	Yokohari et al.			
	AE	5,386,734	02/07/95	Pusinelli			
	AF	5,614,192	03/25/97	Vandenbark			
	AG	5,976,872	11/02/99	Tao et al.			
	AH	6,066,726	05/23/00	Farb et al.			
	AI	6,409,726	06/25/02	Toavs et al.			
	AJ	2002/0037273	03/28/02	Cummins et al.			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AK							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AL	GenBank Accession No. U63622 dated 11/22/96
	AM	GenBank Accession No. U63623 dated 11/22/96
	AN	GenBank Accession No. AAG17964 dated 10/03/00
	AO	GenBank Accession No. AAB26957 dated 11/22/96
	AP	GenBank Accession No. AAB26958 dated 11/22/96
	AQ	GenBank Accession No. I39178 dated 06/20/00
	AR	GenBank Accession No. BC022286 dated 06/29/04
	AS	GenBank Accession No. NM_004028 dated 10/28/04
	AT	GenBank Accession No. NM_001650 dated 10/28/04
	AU	Haase and Schmidt, "Detection of brain-specific autoantibodies to myelin oligodendrocyte glycoprotein, S100 $\beta$ and myelin basic protein in patients with Devic's neuromyelitis optica," <u>Neurosci. Lett.</u> , 2001, 307(2):131-133

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07039-497001	Application No. 10/723,180
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Vanda A. Lennon et al.	
		Filing Date November 25, 2003	Group Art Unit 1616

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AV	Habibaghahi, "Anticardiolipin Antibody in Patients with Multiple sclerosis," <u>Shiraz E-Medical J.</u> , 3(3) at <a href="http://www.sums.ac.ir/~semi/vol3/may2002/rACaInMS.htm">http://www.sums.ac.ir/~semi/vol3/may2002/rACaInMS.htm</a> printed from internet on 2/18/03
	AW	Jambou et al., "Circulating regulatory anti-T cell receptor antibodies in patients with myasthenia gravis," <u>J. Clin. Invest.</u> , 2003, 112:265-274
	AX	Mackay, "Tolerance and autoimmunity," <u>British Med. J.</u> , 2000, 321:93-96
	AY	Matsumoto et al., "Successful TCR-Based Immunotherapy for Autoimmune Myocarditis with DNA Vaccines After Rapid Identification of Pathogenic TCR," <u>J. Immunol.</u> , 2000, 164:2248-2254
	AZ	Miyagishi et al., "Two cases of recurrent optic neuritis (OPN) and acute transverse myelopathy (ATM) with associated anticardiolipin antibodies," <u>Clin. Neurol.</u> , 1992, 32(10):1121-1124, English-language Abstract
	AAA	Robin et al., "Anti-Myelin Basic Protein Antibody in Experimental Allergic Optic Neuritis and Encephalomyelitis," <u>Ophthalmic Res.</u> , 1985, 17(3):174-180
	ABB	Sakuma et al., "Optic-spinal form of multiple sclerosis and anti-thyroid autoantibodies," <u>J. Neurol.</u> , 1999, 246(6):449-453
	ACC	Schwartz, "Direct Visualization of Antigen-Specific Cytotoxic T Cells – A New Insight into Immune Defenses," <u>N. Engl. J. Med.</u> , 1998, 339(15):1076-1078
	ADD	Sellebjerg et al., "Anti-Myelin Basic Protein and Anti-Proteolipid Protein Antibody-Secreting Cells in the Cerebrospinal Fluid of Patients With Acute Optic Neuritis," <u>Arch. Neurol.</u> , 1994, 51(10):1032-1036
	AEE	Soderstrom et al., "Optic neuritis and multiple sclerosis: Anti-MBP and anti-MBP peptide antibody-secreting cells are accumulated in CSF," <u>Neurology</u> , 1993, 43(6):1215-1222
	AFF	Tumani et al., "Acute optic neuritis: combined immunological markers and magnetic resonance imaging predict subsequent development of multiple sclerosis," <u>J. Neurol. Sci.</u> , 1998, 155(1):44-49
	AGG	Verkman et al., "Role of water channels in fluid transport studied by phenotype analysis of aquaporin knockout mice," <u>Exp. Physiol.</u> , 2000, 85S:233S-241S

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